



Contrail global radiative forcing

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Global calculations of the radiative forcing due to contrails from aircraft are performed. A contrail distribution based on flown distances, provided by the TRADEOFF project, is used to calculate their influence on the radiative balance of the Earth based on the infrared and visible properties of hexagonal cylinders included in the Edwards and Slingo two-stream radiative transfer code. The results produce a smaller net radiative forcing due to contrails compared to former studies and a negative net forcing over subarctic oceans.